



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 9461

SERIAL NUMBER 09/975,682	FILING DATE 10/11/2001 RULE	CLASS 375	GROUP ART UNIT 2634	ATTORNEY DOCKET NO. Huang 12
-----------------------------	-----------------------------------	--------------	------------------------	------------------------------------

### APPLICANTS

Gang Huang, Highlands, NJ;

\*\* CONTINUING DATA \*\*\*\*\* *None of*

\*\* FOREIGN APPLICATIONS \*\*\*\*\* *None*

### IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 11/13/2001

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY NJ	SHEETS DRAWING 10	TOTAL CLAIMS 23	INDEPENDENT CLAIMS 5
Verified and Acknowledged Examiner's Signature	<i>[Signature]</i>	Initials			

### ADDRESS

MOSEN, PATTERSON & SHERIDAN, LLP  
Suite 100  
595 Shrewsbury Avenue  
Shrewsbury, NJ  
07702

### TITLE

Method and apparatus for cross-talk mitigation through joint multiuser adaptive pre-coding

FILING FEE RECEIVED 962	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other <input type="checkbox"/> Credit
-------------------------------	---	---